t and Final Bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

61901

Serial No. .....

Name of work ..Improvements to cc roads and drain at 7th and 15th cross road and other areas road Bagalagunte From ..... To ..... main road in ward NO. 14, Bagalagunte

Name of Contractor of nature of Agency..... KRIDL

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Est. cost :- 20.00 lakhs Job code:- 014-18-000037 ✓ peode - 3329 A.O.NO :- EE/DD/AS/631/17-18 dt. 21/12/2017 T/S. NO:- EE/DD/TS/4460/17-18 dt. 21/12/2017 W.O.NO :- EE/DD[WO]/343/17-18 dt. 26/03/2018 ✓						
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw up to 8m and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be evenly						

D.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	neatly after breaking & cleads, complete as per Specifications.						
	As per premeasurement Qty recorded in this MB at Pg No. ~~694~~ 619 61/2 Index ① - ii					155.00 Cuy	
	Qty ltd. to					153.80 Cuy	
	@ Rate ₹ 86.92/Cuy					= ₹13368/-	
②	Providing and laying, spreading and compacting graded stone aggregates to wet mix macadam Specifications including pre mixing the material with water at OMC in mechanical mix plant carriage & mixed method to tipper to site, laying in uniform layers with pavers in sub-base on well prepared surfaces with hand compacting with vibratory roller Complete as per specifications						

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

61902

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	As per premeasurement Qty recorded in this MB at Pg. No. 61961/2 vide it. No. ③② ie.					35.42 cum	
						Qty ltd. to. 34.50 cum	
						@ Rate ~~Rs.~~ 1768.00/cum = ₹ 60999/-	
③	providing and laying in position pcc 1:1½:3 with 8pc cement @ 180 kg/, with 40mm and down size graded granite met al coarse aggregates @ 0.85 cum and P A @ 0.57 cum machine mixed concrete laid in layers not exceeding 15cms. thick, well compacted in foundation and plinth including cost of all materials labour, Hire & machinery complete as per specifications						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement qty recorded in this MB at pg. no. 61962 vide st. No. (3) i.e. qty std to. @ Rate of 5159.62/cum					35.80 cum 32.70 cum = ₹ 168700/-	
(4)	providing and removing, centering, shuttering, propping etc. and removal of formwork for vertical surface such as walls at any thickness including attached pilasters, cost of all materials, labour complete as per specifications As per premeasurement qty recorded in this MB at pg. no. 61963 vide st. no (4). i.e. @ Rate of 310.58/sqm					510.00 sqm = ₹ 158396/-	

M. A. R. 57 (Rule 116) **No. D** 61903

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and laying in position P.C.C. 1:2:4 mix with cement @ 210 kgs/cum granite metal course aggregates @ 0.69 cum and 20mm and down size graded 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation, including cost of all materials, labours, complete as per specifications. As per premeasurement qty recorded in this MB at pg no 61963/2 vide st. no. (5). S.E. @ Rate of 576.00/cum					51.00 cum	48.75 51.00 2486.63-00 = ₹ 2941.40/- 2941.40.46

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕ.ನೀ.ಸರಬರಾಜು ಉಪವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಬಿಬಿಎಂಪಿ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Construction of cm reinforced plain cement concrete Pavement, thickness as per design over a prepared Sub base with OPC cement or any other type as per clause 1051.2.2 with ~~25 mm~~ M 30 and 3.60 kg per cum, CA @ 0.69 cum and FA @ 0.43 cum, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work. Spreading the concrete with shovels, admixtures as approved, curing compound, finishing to the lines, grades as per drawing complete as per specifications						
	~~As per Pre measurement.~~						
	15th cross	1	60.00	5.50	0.15	49.50	
		1	10.00	5.50	0.15	8.25	
	cross Road	1	21.00	5.50	0.15	17.32	
					Total Qty	75.07 cum	

C & P

M. A. R. 57 (Rule 116) **No. D** 61904

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty limited to			75.00 Cu.m	
			@ Rate ₹ 6217.96/cu.m				= ₹ 466347/-
(7)	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical specifications complete as per specifications						
	As per pre-measurement Qty recorded in this MB at pg. No. 61962/2 vide		st. no. (7).8			4.90 tonnes	
			Qty limited to			4.85 tons	
			@ Rate ₹ 66482.14/ton				= ₹ 3,22,438/-

ನಿರ್ವಾಹಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) Supplying and fixing precast reinforced concrete slab 10 cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery machine cutting the vertical face to get plain even surface, complete with all leads and lifts conveyance charges, labours charges inclusive of cost of all materials.						
	15th cross rd	1	60.00	0.75		45.00	
		1	10.00	0.75		7.50	
	2nd	1	60.00	0.75		45.00	
		1	10.00	0.75		7.50	
	cross Road	1	30.00	0.75		22.50	
				Total Qty =		127.50 Rm	
				@ Rate of	1698/Rm		= 216495/-

2/5/2018

M. A. R. 57 (Rule 116) **No. D** 61905

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80 mm - 100mm including cost of cutting machine, generator and tools & machinery, including cost of blade, coolant etc, including cost of conveyances of all materials, labours, lead and lift charges and all other incidental charges as per drawing and per Specification.						
	15th roes	2	60.00			120.00	
		1	60.00			60.00	
		2	10.00			20.00	
		1	21.00			21.00	
	Horizontal	12	5.50			66.00	
		2	5.50			11.00	

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ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	5	5.50			27.50	
				Total Qty		195.50 m/hs	
				@ Rate of 121.90/m/s		= £23831/-	
(10)	Vacuum dewatering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, hire of machine, screed vibratory power floater, blade and disc etc. with all lead and lift						
	15th row	1	60.00	5.50		330.00	
		1	10.00	5.50		55.00	
	Cross Road	1	21.00	5.50		115.50	
				Total Qty =		500.50 Sqm	

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

61906

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
			Qty limited to			500.00 Sqm	
			@ Rate ₹ 95.40/ Sqm			= ₹ 47700/-	
(11)	Disposal of debris to the final placed disposal with all lead and lift and as directions by the engineer in charge of the work at lead of 4 Km.						
	Same as Qty vide item NO. (1) of this work					155.00 Cum	
			Qty limited			153.80 Cum	
			@ Rate ₹ 85.65/Cum			= ₹ 13173/-	
					Sub Total	= ₹ 1785587	

ಬಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎ
ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	KRIDL, GST & Labours cess charges (7+3+1 = 11%)						= ₹ 196415/-
	Total bill Amount						= ₹ 19,82,002/-

Certificate

1) The work is done satisfactorily by Contractor
2) The contractor has removed all debris from work spot
3) There is no departmental issues made by Contractor.

23/5/2019

23/5/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

23/5/19

Audited and admitted for Rs. 1982002=00

Passed by Cheque for Rs. 1801544=00

( )

Serial No. -180548=00

Name of work 176732=00

Name of Contractor of nature of Agency

Date of commencement of work

Accounts Assistant Executive Engineer

by adjus

M. A. R. 57 (Rule 116) No. D

Measurement Book

61907

... From ... To ...

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	B.B.M.P. Dasarahalli Division						
				N			
			70 m	70 m			
	Bogalagunte main road						
						Index ▬ → workspot & u/c drain ▽▽ → work spot & u/c Road → sketch is not to scale	
23/5/2018						Sd/- 24/5/18 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು	